

MONAE VERBEKE, PhD

LEARNING EVALUATOR & RESEARCH PROFESSIONAL

CONTACT

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Geneseo, IL 

mcverbeke 

EDUCATION

DOCTOR of PHILOSOPHY

Sociology
University of Warwick
Thesis: *The Case of Close Encounters with London Zoo's Penguins: A Sociocultural Analysis of the Construction of Environmental Perspectives*
Awarded with Minor Corrections

MASTER of SCIENCE

Biology
Western Illinois University

POSTGRADUATE DIPLOMA

Museum Studies
Western Illinois University

POSTGRADUATE DIPLOMA

Zoo & Aquaria Studies
Western Illinois University

BACHELOR of SCIENCE

Animal Science
Iowa State University

EXPERTISE

Project Design

Grant Writing

Grant Management

Non-profit Budget Management

Mixed Methods Research

Monitoring and Evaluation

Volunteer Management

Internship Program Developer

Science Capital

Public Engagement

Informal Science Learning

Science Literacy

PROFILE

Creative research and evaluation professional with 15 years of experience in informal learning, equity, and public engagement-focused work. Creator of programs to engage people of all backgrounds in learning, conservation action, and civic engagement. Extensive experience in public engagement and program development. As a researcher and evaluator, my work focuses on empowering individuals and enhancing individual interest, improving attitudes, and improve community relationships. A significant part of my work has been with teens and young adults to co-design programming. Experience with a wide range of evaluation work with diverse audience impacts. Above all, I strive to be a creative, open facilitator of positive environments for staff, volunteers, and the communities with whom I work.

PROFESSIONAL EXPERIENCE

DIRECTOR OF EVALUATION & SENIOR RESEARCHER

Institute for Learning Innovation 2015 – Present
Evaluation/Research Design and Implementation: Conducts and manages on-going and new national and international evaluation and research related to sociocultural issues, including conceptualizing, and designing studies related to equity in learning, science capital, and conservation issues.

Data Analysis: Interprets data from primary and secondary sources using statistical techniques (regression analysis, correlation, multivariate analysis) to prepare policy technical, scientific, and public reports. Compiles data, cleansing and synthesizing data from multiple sources. Develops and initiated efficient data collection procedures. Uses advanced Excel functions to generate spreadsheets and pivot tables. For advanced quantitative data analysis, uses SPSS and R for advanced quantitative statistical analysis. Triangulates qualitative and quantitative data to understand the multi-faceted nature of social research.

Administrative Responsibilities: As appropriate, supporting, and supervising research assistants and contractor data collectors and/or data entry specialists. Manager of the organization's intern and volunteer program. Meets financial objectives by forecasting requirements; preparing and monitoring project budgets and schedules; analysing variances and initiating corrective actions. Develops and assists in maintaining the organization's digital profile (including website development and social media). Facilitate and manage the quarterly and annual reporting process of the projects overseen.

RESEARCH MANAGER

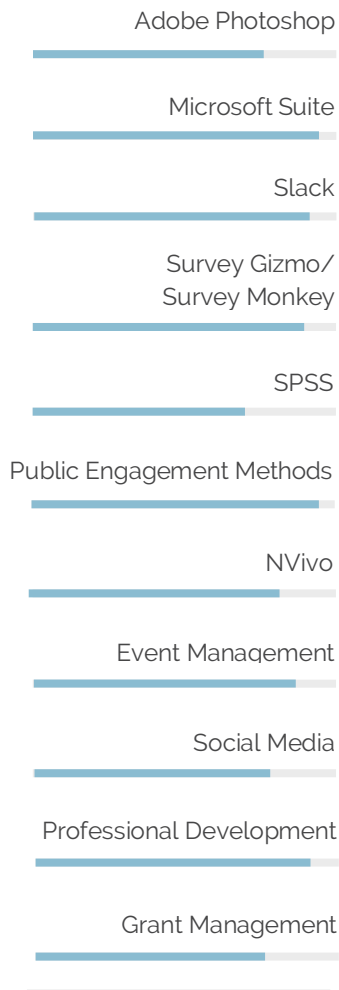
University of Warwick (UK) 2011 – 2015
Position involved full range of research and managerial responsibilities, with increasing responsibilities, including training, and managing of more than 30 research assistants across more than 10 projects in 4 years.

Research Responsibilities: Included: writing research bids, design, and implementation of multi-stage questionnaires; creation and delivery of semi-structured interviews for multiple studies; designing research studies; analysing results using qualitative and quantitative methods; utilizing results to develop future studies. Reviewed technical accuracy of research methods, proper use of accepted techniques and practices in evaluation and overall compliance with instructions and organizational policy for several organizations.

Administrative Responsibilities: Included: training research assistants to carry out questionnaires, managing staff on-site, managing project completion, managing production budget, edit research assistant write-ups, filling appropriate paperwork for research assistants (including payroll and references).

Communication Responsibilities: Analyzed and presented evaluation data and desk research to inform and guide several public science communication initiatives. Developed, drafted, and published results for use for multiple audiences, including those making policy decisions such as Defra (UK), British Museum and University of Cambridge. Co-created a public engagement professional development workshop series and accompanying website.

SKILLS



PROFESSIONAL SERVICE

PROPOSAL REVIEWER
National Association for
Research in Science Teaching
2017-Present

PROPOSAL REVIEWER
National Science Foundation
STEM+C and AISL
2017-Present

PROPOSAL REVIEWER
Visitor Studies Association
2018-Present

JOURNAL REVIEWER
Visitor Studies Association
2019-Present

JOURNAL REVIEWER
Anthrozoology
2017-Present

JOURNAL REVIEWER
Public Understanding of
Science
2017-Present

PROFESSIONAL EXPERIENCE CONT...

INDEPENDENT CONSULTANT

NCCPE

2015

Expert Analysis of the Design and Implementation of Evaluation in the UK Science Sector: NCCPE commissioned on the use of evaluation as a component of public engagement amongst the UK science funding and regulatory bodies. Through the research, built a body of knowledge of existing and potential evaluation support, practices and attitudes to fill gaps in the regulation and policies related to evaluation in public engagement with science. The results from this survey were synthesized to develop a collective understanding of STEM Forum members' perspectives, to inform efforts regarding evaluation by Forum members and the wider STEM public engagement community.

RESEARCH ASSISTANT

Centre for Applied Linguistics, Uni. of Warwick

2015

Collaborated on a research project with the goal of utilizing mixed-methods to investigate the predictive validity of TOEFL iBT® scores on international ESL students' success (both social and academic). Student and tutor interviews were analysed using NVivo, to code interview content. The results of this analysis are being used to improve the international student experience.

FELLOW: CLIMATE KIC PIONEER INTO PRACTICE

European Institute of Innovation & Technology (EIT)

2013

Provided expertise to the partner organization to develop an evaluation and communication plan to analyze the impacts of the Home Energy Makeover program and create future evidence-based interpretive programs. Interviews were conducted with residents of a low-income community who received government-sponsored retrofits. An analysis of was conducted of residents' attitudes to green technology, experiences during the retrofit, and shared behaviour changes. The team then worked to incorporate those findings into improving community-facing programs.

VOLUNTEER COORDINATOR: *Riding for the Disabled Association*

Moore Farm Stables

2013-2015

Started and managed a volunteer group to assist in RDA activities, providing training, guidance, and encouragement to new volunteers.

VISITOR ASSISTANT

Sarehole Mill

2012

As a visitor assistant, I was responsible for assisting visitors at the small museum in both the café/gift shop – and by providing guided tours through the mill.

RESEARCH ASSOCIATE: *EUZOOS-XXI Engaging the Public in Nature Conservation*

Niabi Zoo and Durrell Wildlife Trust

2010-2013

Partnership: Durrell Wildlife Trust, Kolmården Wildlife Park, Zoomarine

Lead field research and analysis to conduct a robust impact evaluation to assess improved visitor outcomes on topics such as attitudes towards biodiversity and conservation. Analyzed visitor data, compiling results into a technical report to support agency policies. Developed a framework to analyse conservation science curriculum. Results were used to develop an extensive international science education curriculum database. Results were presented in written products (teacher curriculum book) and to professional and public groups.

INFORMAL EDUCATION FACILITATOR

Family Museum of Arts and Science

2010-2011

As informal education facilitator, developed a structured drop-in educational programming, developing a 'I'm a _____ scientist' programme focusing on connecting a wide-range of science professions with children and their families through art and play. I coordinated weekend functions with the head of education and other staff. Programs were coordinated with community and national events, such as Yuri's Night. During programs, supervised and mentored volunteer assistants.

GRADUATE RESEARCH ASSISTANT

Dept. of Education, Western Illinois University

2010-2011

Assisted in teaching primary science education methods. Review science curricula to determine to what extent new curricula meet science standards. Wrote evaluation/guide for educators. Maintained and constructed technical laboratory equipment. Setup experiential science lessons. I tutored students in summarizing and writing on broad scientific topics. Assisted in the development and adaptation of curriculum for 60 children in an afterschool Legos Mindstorms program, providing technical and practical assistance to lead educator and students. Prepared reports and education tools for public schools, local and state agencies and students.

TEACHING POSITIONS

ADJUNCT PROFESSOR

George Washington University
Museum Studies
Courses Taught:
Museum Evaluation
2019

LECTURER

Warwickshire College
Animal Studies
Courses Taught:
Animal Behavior
Intro to Genetics
Aquatics
2014-2015

TEACHING ASSISTANT

University of Warwick
Department of Sociology
Course Taught:
Sociology of Education
Social Research Methods
Researching Society & Culture
2012 – 2015

TUTOR

ABACUS Tuition
K-12 Science and Reading
2011-2013

ADJUNCT PROFESSOR

Muscatine Community College
Department of Biology
Courses Taught:
Biology
Ecology
2010-2011

TEACHING ASSISTANT

Villa Montessori
Early Childhood Wing
2003-2004

PROFESSIONAL EXPERIENCE CONT...

INFORMAL EDUCATOR

Nahant Marsh Education Center 2009-2011
Assisted in the managing the delivery of the center's conservation education programs, including school and public programs, special events, adult lecture series, and summer camps. Assisted in the recruitment and placement of interns and volunteers. Supported local conservation efforts to determine the abundance and distribution of the Blanding's turtle, a primary conservation concern at Nahant. Developed, conducted, and evaluated summer camps for students from low-income backgrounds, including non-native English speakers. Co-developed new exhibitions, including interpretation, for native fauna species. Conceived and implemented special events at the organization to educate the visiting public and raise awareness about conservation issues. Created revenue and resources for in situ conservation.

VETERINARY TECHNICIAN

Whitehaven Veterinary Clinic 2009-2010
Served as liaison to the veterinarian in provided health care to the animals. Evaluated potential problems related to the health and social welfare of animals. Filed appropriate paperwork to correct parties for various tests. Completed and maintained animal records. Provided routine and emergency medical treatment. Operated switchboard and directed calls appropriately. Monitored stock and reordered when required.

NUTRITION INTERN

Omaha's Henry Doorly Zoo 2007
Interned in the nutrition research department. My primary research task consisted of researching and developing a potential butterfly diet. Presented informal public education demonstrations on animal nutrition. Assisted in preparation of diets for the all animal residents.

FRONT OF THE HOUSE MANAGER

Café Shi 2007-2009
Trained new employees. Responsible for balanced funds. Dealt with and resolved customer complaints. Maximized sales revenues through up selling and marketed programmes. Assisted the restaurant owner in resolving any pertinent issues as they arose.

ASSISTANT MANAGER

Orion Food Pride 2004-2007
Provided customer service by filled orders and handled customer requests. Responsible for balancing store's cash in-take. Managed in-store deli. Completed the night-audited procedures with accuracy and attention to detail.

PROJECTS & ACTIVITIES

CO-PRINCIPLE INVESTIGATOR: *National Park Science Challenge*

Research and develop tools to engage underrepresented audiences in scientifically driven challenges embedded in a learning tool. As the research team lead, lead conversations that are seeking to redefine what counts as capital, in ways that diverse participants can find personally and culturally relevant ways to discuss their relationship to science. As the research PI, responsible for managing the external evaluator. By investigating and listening to the experiences told from a different perspective, we are seeking to collect counter narratives to create a sort of "counterinsurgency" in understanding how identified barriers can be overcome. The results of the focus groups and interviews are being analyzed using a trajectory framework that accounts for the sociocultural-relevant experiences of fellows.

LEAD EVALUATOR: *NAAEE EE 30 under 30 Changemakers*

Responsible for managing the M&E activities of 12 worldwide community science projects, including projects in Nigeria, South Africa, Mexico, New Zealand, Nepal, and Puerto Rico. MEL frame includes a mixed methods approach to gathers a robust set of information about the international EE30 participants, both the young adult organizers/facilitators and the communities they are seeking to impact through their EE projects. To facilitate this process, PD sessions on designing and leading evaluation were provided to all participants. The evaluation explores how and why EE30 participants engage with environmental education, as well as the impacts the program has on their careers and community. Reports are being produced for each of the projects' UN Women Flagship Initiative (FPI) on Women's Entrepreneurship for Sustainable Energy

PROFESSIONAL DEVELOPMENT

- 'Before We Were White' ancestral recovery for collective liberation (2020)
- Active participant in VSA professional development webinars. (2016-Present)
- Active participant in SciEngage professional development/ conversations (2016-Present)
- OHSU Library Science Data Institute (2017)
- Research-Practice Partnerships in Informal Science Education (2017)
- Public Communication of Science & Tech Summer School (2014)
- PhD Writing and Publications (2014)
- Research to Reality - Entrepreneurial Business Program (2014)
- Critical Issues in Probabilistic and Statistical Method (2013)
- How to be a Prolific Writer (2013)
- Effective Writing for Bids and Grants (2013)
- Lecturing, Assessment, and Research-Based Learning (2013)
- Writing Collaboratively (2013)
- Responding to Readers' Comments
- Researching Space and Time: a Multimodal Approach (2013)
- Enhancing Skills in Small Group Teaching (2012)
- Science in Society (2012)
- Science Communication Training, sponsored by BBC (2012)
- "Embedding Impact Evaluation in Research" (2012)
- Advanced Training in Discourse Analysis (2012)
- Effective Communication Strategies (2011)
- Focus Group Facilitator Training (2011)

PROJECTS & ACTIVITIES

LEAD EVALUATOR: *Museum of Fine Arts STEAM Team*

Partnered with the MFA to explore the impact on cultural capital underrepresented teens engaging in the museum's STEAM Team program, that targets arts-oriented and STEM-oriented youths through a hands-on, extended fellowship. The program's intended long-term outcomes for youths involves the integration of both artistic and scientific thinking into their career aspirations, scientific/cultural attitudes, and 21st century skills. We are collaboratively working with the youth to understand how both they integrate and extend their cultural capital and diversify their personally meaningful relationships with art, STEM, and the museum. From this, we can begin to think more deeply about how arts organizations can develop multiple avenues of engagement to meet the diverse interests of all youths.

PRINCIPLE INVESTIGATOR: *Reconceptualizing STEM+C Literacy*

This transdisciplinary project is creating an innovative approach and tool for measuring literacy. Science literacy is an important concept and measurement, traditionally used to assess an individual's knowledge of science. This project explored a broader perspective derived from out of school as part of a more contemporary perspective of science literacy.

RESEARCH ASSOCIATE: *Rural Gateways - Fostering the Development of Librarians as Informal Science Facilitators*

Researched and developed tools (including questionnaires) to gauge and understand the efficacy of rural librarians as informal science facilitators. Worked with the project team to think collectively about how and what to measure as it related to the program's goals of increasing the efficacy of rural librarians in developing and delivering science programs in their underserved communities.

RESEARCH LEAD: *iSWOOP--Interpreters and Scientists Working On-Site at Our Parks*

Led the development tools and advanced theory on our ability to analyse interest pathways of visitors to National Parks.

EVALUATION ASSOCIATE: *My Sky Tonight - Breakfast Moon*

As part of the evaluation team, collaborated with the evaluation lead to develop a protocol and appropriate tools to assist in the project team in the development of the *Breakfast Moon* storybook. Tools were developed to observe the children and their caregivers as part of the iterative testing process, as well as surveys to gather feedback from caregivers and educators.

EVALUATION ASSISTANT: *Head Start on Engineering*

As part of the research team, assistant the research lead during the formative stage in developing a pre/post survey instrument to measure the impacts of the early childhood engineering project. Analyzed the formative data to inform the early development of the program, including data from drawings, thought-listing, and open-ended questions. Utilized visual data storytelling tools to share the results.

SCIENCE FESTIVAL FACILITATOR

Key Participant (*unpaid*) in a multi-lingual science festival with the Coalition for the Public Understanding of Science (COPUS), and the local Mexican non-profit, Proyecto Itzaes, to hold the very first science fair in the village of Ixil, Yucatán, Mexico. The mission was to partner with local scientists to bring educational resources to rural Maya villages to share the thrilling experience of discovery in these communities.

CONFERENCE LEAD COORDINATOR: *Learning from the Outside In*

Cooperative summit with National Park Service and National Geographic Society to host a national learning summit. The summit was an invitational, two-day meeting with policymakers, researchers, and educators from all sectors of the education community and was designed as both a celebration and a call to action to the changing nature of learning in America.

VOLUNTEER POSITIONS

BOARD MEMBER

Henry County Humane Society
2019-Present

POSTER JUDGE

AAAS Annual Conference
2016-Present

VOLUNTEER

QC FIRST LEGO League
2019

FACILITATOR/JUDGE

STEM for All Video Showcase
2019

MODERATOR

"Effective Communication"
Workshops
Science Talk Conference
2018

VOLUNTEER

Oregon Food Bank
2017

OFFICE VOLUNTEER

Unite Oregon
2016-2017

JUDGE

CREST Science Fair
West Linn High School
2016-2017

COORDINATOR

Operation Read
United Way: Mississippi Valley
2010-2011

AFTER SCHOOL ART INSTRUCTOR

Figge Art Museum
Adams Elementary School
2010-2011

ADVISOR

Davenport School District
Science Grant Committee
2009-2010

PEER MENTOR

Iowa State University
2007-2008

PROJECTS & ACTIVITIES

EVALUATION ASSOCIATE: *University of Warwick Public Engagement Agenda*

Constructed large institution-wide research plan to analyse public engagement activities of higher education professionals at the University of Warwick. Research design was scientific-research lead, utilizing research funded by the National Coordinating Centre for Public Engagement (NCCPE) and internationally. Research was carried out through online survey-based platform (Wufoo.com) using mixed-method design. I was responsible for analysing research results using inferential statistics and thematic analysis. Results were presented through written products for multiple audiences, including publications and outreach activities. Results were used to assist in the preparation of research proposals and bids for consultancy.

EXTERNAL EVALUATOR: *Impact of Guided Tours at National Gallery London*

Designing and leading impact evaluation to assess audience characteristics and evaluate the public engagement impacts of the Adult Learning (including guided and audio tours) and Family programmes, providing recommendations for the future of these programmes.

RESEARCH ASSOCIATE: *Influences of Open-Space Learning*

Institute of Advanced Teaching and Learning
Responsible for developing research plan to assess the influence of 'Open-Space Learning' teaching pedagogy and training program with educators internationally. Evaluated the impact of implementing the theory within a master level module taught. Written products were used to provide feedback to refine and improve the program.

EVALUATION ASSOCIATE: *Civilizations in Contact: Education Impact Evaluation*

British Museum in Cooperation with London Primary Schools
Primary responsibilities are producing inferential statistics to demonstrate the impacts of field-trip education programme within individual student thinking and within the larger school curriculum. Oversaw thematic coding of over 300 pupils' drawings for analysis.

EVALUATION ASSOCIATE: *Making Science Real in Schools (MARCH)*

Making Science Real in Schools, Funded by the European Commission, sought to create a network of international institutions, NGO's, and educational establishments to improve science education, by sharing innovative content and best practices in Science Education for secondary schools under the theme of "Sustainable Cities". Assisted in carrying out formative focus groups with UK participants and making recommendations to the leadership team.

EVALUATION/RESEARCH ASSOCIATE: *Impacts of Cheltenham Science Festival*

Designed and led *in-situ* impact evaluation to assess audience characteristics and evaluate the public engagement impacts of the Cheltenham Science Festival.

EVALUATION ASSOCIATE/RESEARCH: *Impacts of Cheltenham Jazz Festival*

Designed and led *in-situ* ground-breaking study to accurately assess audience characteristics and evaluate the public engagement impacts of Cheltenham Jazz Festival.

EVALUATION ASSOCIATE: *Traveling Library Science Exhibits*

Cambridge Science Centre
Conducted a small-scale survey-based impact evaluation on science centre displays placed within local rural-area libraries within Cambridgeshire to determine to what extent small traveling exhibits influence library patrons.

EVALUATION ASSOCIATE: *Twilight at the Museums*

University of Cambridge Museums
Used digitally-enhanced research methods to conduct survey-based impact evaluation of large-scale public engagement city-wide event led by University of Cambridge.

EVALUATION ASSOCIATE: *Big Draw Event*

University of Cambridge Museums

PENDING GRANTS

Spotlight on Salmon: Nurturing Science Curiosity, Empathy and Motivation in Underserved Youth in Portland, Oregon

IMLS
\$434K

An evidence-based approach to building mobile citizen science apps that foster interest in ecology.

NSF: AISL
\$1.9M.

Meeting Youth Where They Are: Supporting Culture Capital Development and Growth in Youth from Diverse Backgrounds with Diverse Interests at the MFA.

National Endowment for the Arts
\$30K

FUNDING AWARDED

National Park Science Challenge

NSF AISL
\$146M

Reconceptualising STEM+C Literacy through a Free-Choice Learning Lens

NSF EAGER
\$299,000

Public Engagement at Warwick University

Internal Grant
£18,000

Learning at Zoos, Aquaria, & Natural History Museums

Research Acceleration Grant
Institute for Advanced Studies
University of Warwick.
£5000

Using Social Media to Identify and Leverage Engagement (SMILE) with Arts and Culture

AHRC Big Data
£427,983

RESEARCH MANAGER: *Public Engagement with Research Online (PERO)*

University of Warwick

Grant from the Joint Information & Skills Committee (JISC) to develop new and improved methodology and theory for evaluating and articulating the impacts of online public engagement with research. This project was developed using the Economics Department research centre for Competitive Advantage in the Global Economy (CAGE) as a case study. My primary responsibilities included coordinating research activities, including budget management, report generation, statistical analysis, resource management and development, and logistical planning. Results of the project were disseminated through co-organized workshops with key stakeholders and researchers, of all levels, to gather their input and understand their current practices in digital public engagement.

EDUCATION PROGRAM ANALYST: *Deep Earth Academy/Ocean Consortium*

Invited to sit on an advisory team to analyse education programs, including teacher training and manuals. Collaborated with team members to recommend alterations to the education programming to meet educator and student needs. Co-wrote evaluation report to be submitted to AAAS and NSF.

PUBLICATIONS (Peer & Non-Peer Reviewed)

- Verbeke, M. and Pattison, S. (2020, *in Press*). 'Exploring the Relationship between Visitor-Park Ranger Conversations and Visitor Interest in National Parks'. *Visitor Studies*.
- Peterman, K., Verbeke, M., Nielsen, K., and Meier, D. (2020). 'Views from Both Sides of the Pond: Implications from a Cross-Project Analysis of Science Festival Data.' *Visitor Studies*.
- Kennedy, E., Jensen, E., Verbeke, M. (2017). 'Science festival audiences: Preaching to the scientifically converted'. *Public Understanding of Science*.
- Pattison, S., Svarovsky, G., Greenough P., Benne, M., Nuñez, N., Dierking, L., and Verbeke, M. (2016) 'Conceptualizing Early Childhood Stem Interest Development As A Distributed System: A Preliminary Framework'. *Center for the Advancement of Informal Science Education*.
- Jensen, E. and Verbeke, M. (2015) Interim External Evaluation Report: Athens Conference and Project Progress. University of Warwick. Coventry, UK. April 2015
- Verbeke, M., Jensen, E. (2015) Interim External Evaluation Report: Innovation Swap Shop. University of Warwick. Coventry, UK. July 2015
- Jensen, E. and Verbeke, M. (2014) Audience Development, Feedback and Impacts from the 2014 Manchester Science Festival. Report to Manchester Science Festival. Coventry, UK. August 2014
- Jensen, E., Verbeke, M. (2013) Internal Evaluation of the Warwick Public Engagement Programme. University of Warwick. Coventry, UK. October 2013
- Jensen, E., Verbeke, M. (2013) Audience Development, Feedback and Impacts from the 2013 Cheltenham Science Festival. Report to Cheltenham Festivals. Coventry, UK. August 2013
- Jensen, E., Verbeke, M. (2013) Audience Development and Impacts from the University of Cambridge Museums' Twilight at the Museums Event. University of Warwick. Coventry, UK. May 2013
- Lambie-Mumford, H., Crossley, D., Verbeke, M., Jensen, E. and Dowler, E. (2013) Household Food Security in the UK: A Review of Food Aid. Department for Environment Food & Rural Affairs (DEFRA) and University of Warwick. Coventry, UK, August 2013.
- Verbeke, M., Jensen, E., Buckley, N., Ritchie, D., and Collins, T. (2012) Embedding Impact Analysis in Research Using BCE Practitioners: PERO Project Case Study. JISC Business and Community Engagement Programme Report. University of Warwick. November 2012.
- Verbeke, M. (2012) Impacts of Digital Engagement: Framework for Evaluation Methods. Centre for Competitive Advantage in the Global Economy Impact Workshop (CAGE). Coventry, UK, August 28 – September 1, 2012.
- Verbeke, M. (2011) Evaluating the effectiveness of engaging the public in nature conservation at Niabi Zoo. (Masters Thesis) Master of Science. Western Illinois University. July 2011.

PROFESSIONAL ASSOCIATIONS

American Association for the Advancement of Science
2010-Present

Visitor Studies Association
2010-Present

Science in Public
2012-2015

Coalition for the Public Understanding of Science (COPUS)
2017-Present

American Zoological Association
2010-Present

International Zoo Educators Association
2010-Present

National Co-coordinating Center for Public Engagement
2013-2015

LANGUAGES

ENGLISH
First Language

SPANISH
Limited Working Knowledge

PRESENTATIONS

- Goldsmith, G., Crimmins, T., Haas, D., Roush, M., **Verbeke, M.** (2019) 'Demographics, interests, and motivations of participants in a long-term citizen science project.' *AGU*. December 2019.
- Verbeke, M.**, Palmquist, S., and Borland, J. (2019) 'Lenses on Learning: How study design shapes interpretation of results.' *Visitor Studies Association*. July 2019.
- Verbeke, M.** and Pattison, S. (2018) 'Visitor Interests and the Dynamics of Interpreter-Visitor Conversations in National Parks.' *Visitor Studies Association*. July 2018.
- Nielsen, K., Peterman, K., Modinou, I., and **Verbeke, M.** (2018) 'All Are Invited, But Who Actually Shows Up?' *Science Events Summit*. St. Petersburg, FL, USA. June 2018.
- Verbeke, M.** and Pattison, S. (2018) 'Meeting in the Middle: Connecting Your Science Research with the Public's Interests.' *Society for Integrative and Comparative Biology*. January 2018.
- Svarovsky, G., Pattison, S., **Verbeke, M.**, Benne, M., & Corrie, P. (2017). 'Board# 110: Head Start on Engineering: Early Findings (Work in Progress)'. *ASEE Annual Conference*. June 2017.
- Verbeke, M.** (2017) 'Reconceptualizing Science Literacy: Moving Towards Richer and More Meaningful Measurement of STEM Literacy.' *Visitor Studies Association*. July 2017.
- Verbeke, M.** (2016) 'Risk Discourses: The Impacts of Science Communication and Penguin Encounters.' *Society for Conservation Biology*. Madison, WI, USA July 2016.
- Jensen, E. and **Verbeke, M.** (2016) 'Preaching to the economically advantaged, educated and scientifically converted: UK science festivals as a method of public science communication.' *Public Communication of Science and Technology (PCST)*. Istanbul, Turkey, April 2016.
- Verbeke, M.** (2016) Impacts of Science Communication & Penguin Encounters: Creating Pro-environmental Concern. *American Association of Science & Technology*. Washington, D.C., USA, Feb 2016.
- Verbeke, M.** (2015) The State of Science Events: Critical Reflections from Across the Sector. International Public Science Events Conference. Boston, MA, June 2015.
- Verbeke, M.** (2015) Practices of Animal Interactions and Their Impacts on Public Perceptions of Environmental Risk. Science in the Public Conference, University of West of England. Bristol, UK, July 2015.
- Verbeke, M.** (2015) Workshop: Social Media in Practice: Evaluating the Impacts of Social Media-Based Public Engagement. *Science in the Public Conference*, University of West of England. Bristol, UK, July 2015.
- Verbeke, M.** (2013) The Significance of Informal Education: Research Experiences of Children Outside of School Walls. Invited Guest Lecturer: Department of Education, University of Warwick. Coventry, UK, January 2013.
- Verbeke, M.** (2012) What Impact? Evaluating the Impacts of Public Engagement with Science Workshop. *Science and Society Conference*. Berkeley, CA, November 15-17, 2012.
- Verbeke, M.** (2012) Impacts of Digital Engagement: Framework for Evaluation Methods. Facilitator: *Centre for Competitive Advantage in the Global Economy Impact Workshop (CAGE)*. Coventry, UK, September 15, 2012.
- Verbeke, M.** (2012) EU Zoos XXI - Primary Education Collaboration: Designing and Using Experiential Zoo Curricula in Formal Education. 21st IZEA, Chester, UK, July 2012
- Verbeke, M.** (2012) 'Best Practices for Integrating Technology in Evaluation Methods'. EAZA Visitor Studies Workshop. EAZA Academy, Chester, UK, August 2012.
- Verbeke, M.** (2012). 'Tips for survey practice'. Evaluating Impacts of Public Engagement and Non-Formal Learning Seminar Series, Invited Lecture, University of Warwick and Wellcome Trust, February 2012.
- Verbeke, M.** (2012) Visitor Engagement: Tracking and Observing. Public Communication of Science and Technology (PCST) Annual Conference, Florence, Italy, April 18-20, 2012.
- Verbeke, M.** (2011) Accessing the Excitement of Science Museums. 2011 Illinois Science Update Conference. Western Illinois University. April 2011
- Verbeke, M.** (2011) Evaluating the Engagement of the Public in Nature Conservation. 2011 Visitor Studies Association (VSA) Annual Conference, Chicago, Illinois, July 24th - 27th, 2011.
- Verbeke, M.**, Thomas, J., and Freedman, S. (2010) EU Zoos XXI - Engaging the Public in Nature Conservation. 20th International Zoo and Aquarium Educators Conference (IZE). Orlando, Florida, September 28-October 4, 2010.